Product Rule and Quotient Rule Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use product rule or quotient rule to simplify each of the following expressions.

Write your answers in positive exponents.

1. r5  r9 2. n-2  n6 3. v7  v3

4. t-4  t-5 5. x4  x2 6. a7  a-3

7. 8. 9.

10. 11. 12.